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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/896,166 | 06/29/2001 | Steven Neil Tischler | BELL-0085/01021 | 7426 |

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EXAMINER

VAUGHN, GREGORY J

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2178

DATE MAILED: 09/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|--------------------------------------|---|--|
| Office Action Summary | Application No. 09/896,166 | Applicant(s) TISCHER, STEVEN NEIL | |
| | Examiner Gregory J. Vaughn | Art Unit 2178 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 June 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>10/2/01</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Application History

1. This action is responsive to the application filing, Application filed on 6/29/2001.
2. Claims 1-23 are pending in the case, claims 1, 13 and 21 are independent claims.

Specification

3. The use of the following trademarks has been noted in this application:
 - "WINDOWS NT" on page 6, line 16.
 - "WINDOWS 2000" on page 6, line 16.
 - "LINUX" on page 6, line 16.

It should be capitalized wherever it appears and be accompanied by the generic terminology.

Although the use of trademarks is permissible in patent applications, the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner, which might adversely affect their validity as trademarks.

4. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

"A person shall be entitled to a patent unless –

(e) The invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language."

6. Claims 1-3 and 5-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Hishida et al. US Patent 6,477,549, filed 10/5/1998, patented 11/5/2002 (hereinafter Hishida).
7. **Regarding independent claim 1**, Hishida discloses in Figure 3 reading a first file containing digital content. Hishida discloses in Figure 5 reading a plurality of second files, where the second files contain style definition information. Figure 5 discloses a style definition for a pager or a phone, where the style definition is shown at reference sign 403. Hishida discloses creating a plurality of display instances of the content combined with the style definitions in Figures 13 (a first display style), Figure 14 (a second display style), and Figure 15 (a third display style). Hishida disclose In Figure 12 at

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reference sign S1222, the mapping of the display styles to a display device (shown as *"Calculate Display Position on Virtual Screen"*).

Hishida disclose a pointing device in Figure 2 at reference sign 204 (shown as a *"Mouse"*), where the mouse is used for selecting a display location as per the recitation: *"The second object may also be achieved by the transmission document edition device, wherein the simulation document creation unit further includes a simulation document display unit for having a display screen, for creating a frame on the display screen according to the display screen size information, for cutting part of the virtual screen on which the document element arrangement unit has arranged the selected document"* (column 4, lines 25-32).

Hishida also discloses in Figure 13 at reference sign 1301, displaying an instance of the content and combined with the style definition.

8. **Regarding dependent claim 2**, Hishida discloses XML. Hishida Recites: *"While the HTML is used as a markup language in the above-described embodiments, such a markup language is not necessarily limited to the HTML. For instance, the XML (Extensible Markup Language) may be used in describing transmission documents"* (column 20, lines 10-15).
9. **Regarding dependent claim 3**, Hishida discloses in Figure 6, at reference signs 603 and 604 the use of an extensible style language.

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10. **Regarding dependent claim 5**, Hishida discloses in Figure 6 at reference sign 603, the style definition having a font size (shown as "*displaywidth: 80pt, displayheight: 40 pt*").
11. **Regarding dependent claim 6**, Hishida discloses in Figure 2 at reference sign 204, the use of a mouse.
12. **Regarding dependent claim 7**, Hishida discloses in Figure 12 at reference sign S1216, the step of mapping to the display the x-y position location (shown as "*Calculate Display Position of Tag Information*").
13. **Regarding dependent claim 8**, Hishida discloses the display instance corresponding to the second file mapped to the display location in figures 5, 13 and 14, where Figure 5, at reference sign 402, discloses the display instance (shown as "Pager" and "Phone"), and Figure 13 discloses a pager display, and Figure 14 discloses a phone display.
14. **Regarding dependent claim 9**, Hishida discloses in Figure 6 at reference sign 603 a first and second style fields containing a first and second style definition (shown as "*displaywidth: 80pt, displayheight: 40 pt*").
15. **Regarding dependent claims 10-12**, the claims are rejected for fully incorporating the deficiencies of their base claims

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16. **Regarding independent claims 13 and 21**, the claims are directed toward a computer readable medium and a system, respectively, for the method of claim 1 and are rejected using the same rationale.
17. **Regarding dependent claims 14 and 22**, the claims are directed toward a computer readable medium and a system, respectively, for the method of claim 2 and are rejected using the same rationale.
18. **Regarding dependent claims 15 and 23**, the claims are directed toward a computer readable medium and a system, respectively, for the method of claim 3 and are rejected using the same rationale.
19. **Regarding dependent claim 16**, the claims are directed toward a computer readable medium for the method of claim 8 and are rejected using the same rationale.
20. **Regarding dependent claim 17**, the claims are directed toward a computer readable medium for the method of claim 9 and are rejected using the same rationale.
21. **Regarding dependent claims 18-20**, the claims are directed toward a computer readable medium for the method of claims 10-12, respectively, and are rejected using the same rationale.

Claim Rejections - 35 USC § 103

22. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

“(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.”

23. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hishida in view of Alam et al. US Patent 6,336,124, filed 7/7/1999, patented 1/1/2002 (hereinafter Alam).

24. **Regarding dependent claim 4**, Hishida discloses a first file with content and a second file with style definitions for the content. Hishida also disclose the second file using extensible style language. Hishida fails to disclose the use of cascading style sheets. Alam teaches the use of cascading style sheets. Alam recites: *“The input and output formats may be, for example, portable document format (PDF), rich text format (RTF), hypertext markup language (HTML) format with style sheets, tabular HTML, extensible markup language (XML), cascading style sheets (CSS), Netscape Layers, linked and separate pages, Tag Image File Format (TIFF) or any other image format such as graphics interchange format (GIF), bit map (BMP), or Joint Photographic Experts Group (JPEG), formats generated by text and/or image*

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authoring tools or applications, or any other suitable formats" (column 2, lines 1-11).

Therefore, it would have been obvious, to one of ordinary skill at the time the invention was made to use cascading style sheets, as taught by Alam to provide style definitions the content display of Hishida in order to provide "a *system and method for converting digital data representing an image of a document image stored in one format to other formats for manipulation and display*" (Alam, column 1, lines 18-21).

Conclusion

25. The following prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

| <u>Patent/Publication</u> | <u>Date</u> | <u>Inventor</u> |
|---------------------------|-------------|---------------------|
| • US-6,327,628 | 12-2001 | Anuff et al. |
| • US-2002/0041287 | 04-2002 | Engeldrum et al. |
| • US-2002/0051080 | 05-2002 | Tanaka, Koichiro |
| • US-2002/0080168 | 06-2002 | Hilliard et al. |
| • US-2002/0091738 | 07-2002 | Rohrbaugh et al. |
| • US-2002/0135621 | 09-2002 | Angiulo et al. |
| • US-2002/0161803 | 10-2002 | Shelton, Richard M. |
| • US-2002/0165881 | 11-2002 | Shelton, Richard M. |

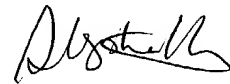
26. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory J. Vaughn whose telephone number is (703) 305-4672. The examiner can normally be reached Monday to Friday from 8:00 am to 5:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen S. Hong can be reached at (703) 308-5465. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gregory J. Vaughn
August 25, 2004



STEPHEN S. HONG
PRIMARY EXAMINER